

## Axion Engineering



### WHAT WE DO

We specialise in designing and commissioning innovative processing plants and plant modifications for other companies in the resource recovery sector.

Building on expertise developed through designing and constructing our own state-of-the-art, multi-million pound recycling facilities, we offer this service to other businesses wishing to build or modify existing plants.

We can advise on processing equipment selection and have delivered contracts in the range of £10k to £10 million to a wide selection of clients.

### WHO ARE WE?

We are experts in the recovery and re-use of post-consumer materials (both non-metallics and metals). Our team has extensive experience of process engineering trials of many different types of recycling separators and size reduction devices. We have the experience to build plants which are innovative but also rugged and reliable.

Our team is enthusiastic and highly skilled, with the knowledge and experience to deliver innovative, practical plant designs and modifications for clients in most areas of resource recovery.

### WE CAN ASSIST WITH:

#### Project Planning:

- Business planning.
- Market Evaluation.
- Process Economics.
- Plant layouts.
- Equipment selection.

#### Implementation:

- Project management.
- Machinery procurement.
- Full process commissioning.
- Operating procedures.
- Maintenance systems.
- Quality management procedures.



## OUR TRACK RECORD

Our track record stretches beyond the plastics sector to include designing plants for re-processing a variety of waste streams including metals, end-of-life vehicles (ELV), aggregates and refuse-derived fuel (RDF).

We design plant modifications to improve plant efficiency and throughput. To test and prove our designs we carry out trials using either our own facilities, our customer's existing plant or supplier test facilities around Europe.



## RECENT CLIENTS

- S. Norton & Co., Metals Recycler  
Relocation and re-design of non-ferrous separation plant.
- Covanta Energy, Energy from Waste Company  
Pre-separation of household plastics from EfW plant in-feed.
- Niko Coatings Ltd., Acoustic Products Manufacturer  
Recycling plant for automotive sound proofing.
- Axion Polymers, Plastics Recycler  
Design and build state-of-the-art plastics recycling plant.

## AXION GROUP

Axion Engineering is a division of Axion Recycling. Axion Recycling was founded to offer novel recycling solutions to recover value from waste resources. Four divisions have grown out of the original company:

- Axion Consulting - offering expertise in processing and collection methods;
- Axion Polymers - a novel plastics reprocessor producing 100% recycled, low carbon polymers from post-use material;
- Axion Energy - commercialising innovative processes to convert waste biomass into biofuel; and
- Axion Engineering - offering plant design and build to companies within the recycling sector.

### Contact us

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Contact our Engineering team to discuss your requirements.

